

What is claimed is:

1. A structure used in heat pipes, comprising:

a hollow pipe body;

a wick structure of screen mesh assembled on an internal wall of the pipe

5 body; and

at least one support structure spirally formed by a continuous board and
inserted into the pipe body for outwardly extending to press the wick structure
of screen mesh tightly to the inner wall of the pipe body, wherein the support
structure provides a support force to support the wick structure of screen mesh
10 on the internal wall of the pipe body by a surface of the spiral board.

2. The heat pipe as claimed in claim 1, wherein the support body is a right
spiral.

3. The heat pipe as claimed in claim 1, wherein the support body is a left spiral.

4. The heat pipe as claimed in claim 1, wherein the support body has a plurality
15 of groove holes formed therein.